



مراجعات النخبة

بنك الأسئلة

الصف الرابع الابتدائي

Mid - Term Exam

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science



Primary



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Science

Question 1

choose the correct answer

1. From umbrella-shaped trees are.....

- (a) mangrove tree and acacia tree. (b) mangrove tree and kapok tree
(c) acacia tree and kapok tree (d) barbary fig and water lily

2. The roots of kapok tree are not planted deeply in the soil, because.....

- (a) the soil contains less water (b) the soil contains more water
(c) the climate is very cold (d) the climate is very hot

3. Kapok tree uses the wind to carry its fluffy yellow seeds across its....

- (a) desert habitat (b) snowy habitat.
(c) salt water habitat (d) rainforest habitat

4. If a plant grows in a dry desert, it needs..... to adapt for getting water.

- (a) long branches (b) long leaves
(c) long roots (d) more sunlight

5.has brown fur that helps him hide in the desert.

- (a) Fennec fox (b) Arctic fox
(c) desert habitat (d) snowy habitat.

6. Plants that have small leaves and thorns live in.....

- (a) desert (b) Poles
(c) the soil contains less water (d) the soil contains more water

7. The process of absorption occurs in.....

- (a) Stomach (b) Small intestine
(c) desert (d) Poles

8. The diaphragm is an important muscle in the.... system

- (a) digestive (b) respiratory
(c) acacia tree and kapok tree (d) barbary fig and water lily

Science

- 9destroys the respiratory system and causes diseases.
 (a) Food pollution (b) Air pollution
 (c) long roots (d) more sunlight
-
- 10is the organ responsible for hearing.
 (a) Eye (b) Ear
 (c) digestive (d) respiratory
-
- 11 The..... system receive and translate information.
 (a) Digestive (b) nervous
 (c) High (d) low
-
- 12 Humpback whales communicate with each other through
 (a) Light (b) songs
 (c) Stomach (d) Esophagus
-
- 13 Sharp sounds are pitch.
 (a) High (b) low
 (c) Mouth (d) small intestine
-
- 14 The..... is from natural light sources
 (a) Sun (b) Moon
 (c) Mouth (d) Stomach
-
- 15 Digestion process begins in the.....
 (a) Stomach (b) Esophagus
 (c) Mouth (d) small intestine
-
- 16 Which of the following organs does not share in breaking down of food ?...
 (a) Mouth (b) Stomach
 (c) Lungs (d) Small intestine
-

Science

17 Crushing the food in your mouth is the function of.....

- (a) Stomach (b) Tongue
(c) Saliva (d) teeth

18 All of the following are correct about the mouth, except.....

- (a) it is the first organ in the digestive system
(b) it has teeth
(c) it has tongue
(d) it moves food directly to the stomach

19 Saliva in the mouth makes the food become soft and moisten with the help of.....

- (a) teeth only (b) tongue only
(c) teeth and esophagus (d) teeth and tongue

20 Fish use..... to breathe in water

- (a) tail (b) eyes
(c) lungs (d) gills

21 Gills differ from lungs, in that gills.....

- (a) take in oxygen gas (b) expel out carbon dioxide gas
(c) extract oxygen gas from water (d) extract oxygen gas from air

22 If the environment is changed, plants..... to survive and grow.

- (a) must have a taproot
(b) must have buttress roots
(c) must decrease their adaptation
(d) must land their seeds in another better place

23 From the negative effects of human activities on the human health are...

- (a) lung damage and asthma
(b) wounds and asthma
(c) heart problems and wounds
(d) lung damage and wounds

Science

- 24 Salt and sugar can be distinguished by the sense of.....
 (a) **smell** (b) **hearing** (c) **taste**
- 25 Owls have a face that looks like.....
 (a) **square** (b) **bowl** (c) **triangle**
- 26 Ants use the.sense to communicate
 (a) **taste** (b) **smell** (c) **hearing**
- 27 In order to see things, we must have.....
 (a) **light** (b) **sound** (c) **heat**
- 28 The process of vision occurs as a result of.....light
 (a) **reflection** (b) **absorption** (c) **Scattering**
- 29 Each of the following is a part of the nervous system except
 (a) **brain** (b) **heart** (c) **nerves**
- 30 The mouth is an organ ofsystem
 (a) **Respiratory** (b) **digestive** (c) **Circulatory**
- 31 The lungs are organ insystem
 (a) **respiratory** (b) **digestive** (c) **Circulatory**
- 32 Which of the following choices explains how the body reacts to the smell of food in the correct order?
 (a) **Brain** —→ **nose** —→ **nerves** (b) **Nose** —→ **brain** —→ **nerves**
 (c) **Nerves** —→ **brain** —→ **nose** (d) **Nose** —→ **nerves** —→ **brain**
- 33 Closing your eyes quickly when strong light rays fall on them suddenly represents
 (a) **inhalation** (b) **reflex**
 (c) **countershading** (d) **camouflage**

Science

34 The nervous system gather information from the environment through.....and then process them by

- (a) brain- nerves (b) nerves - sensory organs
(c) sensory organs – brain (d) spinal cord - brain

35 You opened the door of your house when you heard the doorbell. Which of the following statements explains the sequence of messages inside your body in this situation?

- (a) Ears → brain → hand (b) Ears → hand → brain
(c) Brain → ears → hand (d) Brain → hand → ears

36 Sending smelly messages when there is a shortage of food is the role of.....

- (a) queen ants (b) nurse ants
(c) scout ants (d) soldier ants

37 Locating food is the role of

- (a) queen ants (b) nurse ants
(c) scout ants (d) soldier ants

38 Alarming the colony from dangers is the role of.....

- (a) queen ants (b) nurse ants
(c) scout ants (d) soldier ants

39 Humpback whales sing duringmonths, which is the mating season

- (a) winter (b) summer
(c) spring (d) autumn

40 Fireflies can communicate with each other through.....

- (a) Light (b) Play
(c) scout ants (d) soldier ants

41 Fireflies are found on..... trees.

- (a) Kapok (b) Mangroves
(c) spring (d) autumn

Science

42

Fireflies are used to release flashes.

- (a) Her eye (b) her wings
(a) Kapok (b) Mangroves

43

Raising the thumb up or down is a type of.....

- (a) code (b) lights
(c) scout ants (d) soldier ants

44

.....is considered as a pattern that have meaning

- (a) Code (b) Lights
(c) scout ants (d) soldier ants

45

Man uses a sense ofto communicate

- (a) sight (b) hearing (c) sight and hearing

46

Your eyes useto collect information

- (a) light (b) sound (c) sound and light

47

The travellers use.....to attract the attention of helicopter pilots to rescue them

- (a) sound (b) mirrors (c) wood

48

Writing and reading is one of the ways to communication with.....

- (a) Plants (b) animals (c) humans

49

Each of the following examples of codes except.....

- (a) traffic lights (b) facial expressions (c) sleep

50

When increasing the engine power the speed will.....

- (a) Increase (b) decrease
(c) speed (d) size

51

leaf blowing due to the force of..... the air

- (a) Pushing (b) pulling
(c) Increase (d) decrease

Science

52 The parachutes supplied to the jet help reduce its.....

- (a) speed (b) size
(c) sound energy (d) light energy

53 To move a car more quickly, you must.....the engine pushing power

- (a) reduce (b) increase
(d) electric energy (c) kinetic energy.

54 All the following forms of energy do not affect the movement of a moving object, except.....

- (a) sound energy (b) light energy
(c) electric energy (d) kinetic energy.

55 The most potential energy stored in an object, is that when it is.....

- (a) moving on the ground
(b) standing without movement on the ground
(c) at the top of a hill
(d) at the bottom of a hill

56 The stored energy in a battery of a flashlight changes into.....when it is turned on.

- (a) chemical energy (b) sound energy
(c) light energy (d) potential energy

57 The.....transports water from root to all parts of the plant

- (a) stem (b) flowers (c) seeds

58 The plant makes its food, which is.....through the process of photosynthesis

- (a) sugar (b) protein (c) seeds

59 Theabsorbs water and salt from the soil.

- (a) stem (b) leaves (c) root

Science

- 60 Thedelivers water and salts from the root to the plant leaves.
(a) stem (b) leaves (c) root
- 61 The process of photosynthesis occurs in.....
(a) stem (b) flowers (c) leaves
- 62 The needs of plant and animal are similar in all of the following except.....
(a) water
(b) air
(C) method of obtaining food
- 63 If an object stops at a certain height from the Earth's surface for two hours then falls down, this means that
(a) its potential energy will be destroyed before two hours
(b) its kinetic energy will be destroyed after two hours.
(C) its stored potential energy will change into kinetic energy
(d) its stored kinetic energy will change into potential energy
- 64 All the following examples have stored potential energy, except
(a) a stopped roller coaster at the top of a hill
(b) a moving car on a flat road
(C) a battery of a car.
(d) a compressed spring of a toy
- 65 All the following examples represent kinetic energy, except
(a) light waves moving through the air
(b) sound waves moving through the air
(C) stored chemical energy in a car battery
(d) water particles movement during heating

Science

66 The potential energy of an object depends on

- (a) its mass only
- (b) its height from the Earth's surface only.
- (C) its mass and its height from the Earth's surface
- (d) its temperature.

67 How can we calculate the speed of an object?

- (a) Speed = distance \div time
- (b) Speed distance x time
- (c) Speed distance + time
- (d) Speed = distance - time

68 Which of the following is a measuring unit of speed?

- (a) hr/km
- (b) sec/m
- (c) kg/sec
- (d) m/sec

69 What is the speed of a car that travels 400 meters in 4 second?

- (a) 100 m/sec
- (b) 20 m/sec
- (c) 30 m/sec
- (d) 40 m/sec

70 when two objects of the same mass move with the same speed collide with each other, the resulted damage

- (a) is larger in one of them and smaller in the other
- (b) is equal in both of the two objects.
- (C) doesn't depend on the mass of the two objects
- (d) doesn't depend on the speed of the two objects

71 On collision, energy is

- (a) Created
- (b) Destroyed
- (C) created and transferred.
- (d) transferred and changed

Science

72 When car and truck collide with each other in opposite directions,

- (a) the car has more energy and causes more damage
- (b) the truck has more energy and causes more damage
- (C) the car has less energy and causes more damage
- (d) the truck has less energy and causes less damage

73 A very big truck needsto move

- (a) very small engine
- (b) small engine
- (c) very big engine
- (d) no engine

74 As the force that acts on an object increases, its ability to do work

- (a) Increases
- (b) Decreases
- (c) doesn't changed
- (d) destroyed

75 The amount of fuel that is used in a big truck to produce a certain amount of kinetic energy is..... the amount of fuel used in a small car to get the same amount of kinetic energy.

- (a) less than
- (b) equal to
- (c) more than
- (d) half to

Look at the opposite figure, then choose the correct answer

76 When you push the marble, the energy of your hand transfers to the marble

- (a) Sound
- (b) Thermal
- (C) Kinetic
- (d) potential



77 During collision between your moving marble and other marbles, some of theenergy of your marble changes into energy

- (a) sound-kinetic
- (b) kinetic-sound
- (c) thermal kinetic
- (d) sound potential

Science

Put (✓) or (x):

	✓	x
1. Polar bear has a dark fur to blend in with the snow	😊	😞
2. Brown bear lives in arctic region, while polar bear lives in forest	😊	😞
3. Living organisms can adapt their environmental conditions through structural adaptation and behavioral adaptation	😊	😞
4. The behavioral adaptation is a change in the body structure of a living organism to survive.	😊	😞
5. Bull shark uses countershading camouflage to sneak up on its prey	😊	😞
6. Chameleon uses its tail and V-shaped feet to hunt and move	😊	😞
7. The panther chameleon has teeth and claws, through which it can hunt and eat its prey.	😊	😞
8. Starred agama lizard use one of its eyes to search for food and the other one to look out for danger.	😊	😞
9. Acacia tree and kapok tree use wind to send messages	😊	😞
10. Acacia tree has delicious-smelling flowers to attract bats towards it	😊	😞
11. Hand-shaped leaves of kapok tree is considered as a behavioral adaptation.	😊	😞
12. Kapok tree produces fluffy yellow seeds, this is considered as a structural adaptation	😊	😞
13. Inhaled air is rich in carbon dioxide	😊	😞
14. Carbon dioxide gas is expelled from the body during exhalation	😊	😞
15. Fish need clean and pure water to survive	😊	😞
16. Frogs can breathe through the lungs	😊	😞
17. Cutting down forests can cause environmental change	😊	😞
18. Palm tree has thin trunk and big leaves	😊	😞
19. Water lily plant lives in salt water	😊	😞
20. Mangrove tree has long and strong roots to help the plant to resist the water waves	😊	😞
21. Tongue and teeth moisten the food, while saliva crushes the food until it becomes soft	😊	😞
22. Food passes from mouth to stomach through a narrow tube known as small intestine	😊	😞

Science

23. During inhalation, the diaphragm muscle relaxes and moves downward.	☺	☹
24. Respiration process starts with mouth and ends with anus	☺	☹
25. Throwing chemicals into the water doesn't affect the life of amphibians	☺	☹
26. Amphibians breathe in through their lungs and	☺	☹
27. Dolphins have a stronger sense of hearing than humans	☺	☹
28. 2-Bats rely on echolocation to find food	☺	☹
29. The spinal cord is the main control centre in the human body	☺	☹
30. We can differentiate between hot and cold objects using the digestive system	☺	☹
31. Animals that are active at night are called nocturnal animals	☺	☹
32. The Egyptian jerboa lives in forests	☺	☹
33. The Egyptian jerboa has large ears which help in sensing the snakes	☺	☹
34. Ants live in colonies that contain thousands of individuals	☺	☹
35. The scout ants respond by sending a smelly message to alert the ants where to find the food	☺	☹
36. When the food is low, nurse ants send smelly messages to scout ants which are responsible for locating food	☺	☹
37. The type of adaptation in the fishing cat to see in the low-light places is a behavioral adaptation.	☺	☹
38. All cats have a mirror-like membrane in their eyes	☺	☹
39. The light falling on objects bounces back to reach the eye so that we can see these objects	☺	☹
40. The moon is considered a source of light, so it appears bright at night	☺	☹
41. Cats have excellent night vision, while humans are not.	☺	☹
42. Mirror reflects most of incoming light rays that fall on it	☺	☹
43. Different languages have similar codes	☺	☹
44. A cell phone is a device that is used in communication between animals	☺	☹
45. If the surface is rough (such as a painted surface), the reflected light rays will scatter or diffuse in different directions.	☺	☹

Science

46. To open or close a door, we have to push or pull it.	😊	😞
47. Putting on a pair of socks needs a pushing force	😊	😞
48. You need energy to push a car forward or backward	😊	😞
49. A car can move faster than a bicycle	😊	😞
50. The stopping object can't move until a force acts on it.	😊	😞
51. The rotation of the Earth around the Sun is easy to be seen	😊	😞
52. Unbalanced forces keep an object in its place without moving	😊	😞
53. When a car crashes into a wall, it will not stop	😊	😞
54. Sometimes it is easy to observe the force that stops an object	😊	😞
55. When a car runs out of fuel on a flat road, its speed increases gradually until it stops	😊	😞
56. Gravity pulls objects upward	😊	😞
57. The main difference between pulling and pushing forces is the direction of the force	😊	😞
58. We can't observe the movement of a person walking on the street	😊	😞
59. If you move a chair through a distance, there is work done	😊	😞
60. We can see all the forms of energy	😊	😞
61. Energy can be stored in the form of potential energy	😊	😞
62. Any moving object has a form of energy known as kinetic energy	😊	😞
63. New energy cannot be created, but existing energy can be destroyed	😊	😞
64. A compressed spring stores potential energy	😊	😞
65. As the height of an object from the Earth's surface increases, its potential energy increases	😊	😞
66. Kinetic energy cannot be transformed into potential energy	😊	😞
67. Orange, potato and battery contain stored chemical energy	😊	😞
68. A car does work when it moves from one place to another	😊	😞
69. Burning of food inside our bodies produces energy that allow us to do our activities	😊	😞
70. The balanced forces cause the object to move	😊	😞
71. Hitting a tennis ball needs a pulling force	😊	😞
72. When a pen falls down from your hand, the acting force is gravity	😊	😞
73. Unbalanced forces cause a change in the object position	😊	😞
74. When the roller coaster slides down fast, its kinetic energy increases	😊	😞

Science

75. The moving objects only have energy, while the objects that don't move have no energy	☺	☹
76. When you kick a ball, kinetic energy is produced	☺	☹
77. As the height of an object from the Earth's surface increases, its potential energy decreases	☺	☹
78. Drivers should drive as fast as possible to avoid accidents	☺	☹
79. The high-speed moving objects face less dangers than the slower objects	☺	☹
80. The mass of a moving body affects its speed	☺	☹
81. As the speed increases, the amount of fuel used decreases	☺	☹
82. We can measure the covered distance in kilometer unit	☺	☹
83. Kilogram is the measuring unit of speed	☺	☹
84. Speed and mass are factor that affect the kinetic energy of a moving object	☺	☹

Question 3

Complete the following sentences

- Engineers use.. (.....) to slow down the motion of the Shockwave truck.
- The speed affects the(.....) energy of a moving object
- the electric bell, (.....) energy changes into (.....) energy
- Most animals can hunt when (.....)energy bounces off a prey into their eyes, while bats can hunt when (.....) energy bounces off a prey into their ears.
- When you push a table on the floor, the (.....) transfers from your body to the table.
- Echolocation property is used by some animals such as (.....) to locate their preys
- Most of (.....) energy in the Newton's cradle is transferred from the first ball to the rest of balls
- To increase the (.....) energy of any moving object we must increase its speed
- Fennec fox has (.....) colored fur that helps him hide in the desert.

Science

10. The speed of Shockwave truck is (.....) kilometers per hour
11. Firefly beetles use their (.....) to release flashes
12. Bull sharks use strategy to sneak up on preys called (.....)
13. As you are sitting down on a chair, there are two forces that act on your body which are the (.....) force of gravity and the (.....) force of the chair
14. The toy placed on a table does not move due to the effect of the two balanced (.....) acting on it
15. In the tug-of-war game, the (.....) force of the stronger team makes the rope moves toward this team.
16. When you throw a ball up in the air, it starts to fall down again toward the ground due to the effect of pulling force of (.....)
17. Thermal energy is considered as one of the forms of (.....) energy
18. Some forms of kinetic energy travel in air in the form of waves such as (.....) and (.....) energies
19. Electrical energy is changed in loudspeakers into (.....) energy, while it is changed in the electric fan into (.....) energy
20. When a bat hits a ball strongly, the (.....) energy of the bat is transferred the ball and the speed of the ball increases.
21. Among safety equipment which are used during collision of cars (.....) and (.....)
22. As a result of collision between the ball and the bat, the direction of the ball will (.....)
23. When the speed of an object (.....) kinetic energy decreases
24. When the angle of inclination of a ramp increases, the speed and kinetic energy of an object moves down on it (.....)
25. When an object moves at a very high speed, it has a (.....) amount of kinetic energy
26. (.....) is an opaque object
27. (.....) Is a transparent object
28. All cats have a (.....) at the back of their eyes
29. Any object that give off its own light is called (.....)

Science

30. The eyes of fishing cat have a mirror-like membrane bounces off the light, and this is considered as a (.....) a daptation
31. The (.....) Is the main control center in humans and animals bodies, while (.....) Are considered the organ of sight in their bodies
32. Light travels in (.....) Lines
33. (.....) And (.....) are sources of light
34. The eye pupil of the owl and fishing cats is (.....) Than the eye pupil of human
35. Smooth surfaces reflect light in (.....) direction
36. Rough materials reflect light (.....) than smooth materials
37. (.....) is not considered as a natural source of light
38. Hand signals are a type of (.....)
39. The environment where living organisms live in is called (.....)
40. An animal that hunts and eats another animal is called a (.....)while (.....) is an animal that is hunted and eaten by another animal ‘
41. The characteristic that helps living organisms to survive and reproduce in the ecosystem is known as (.....)
42. Type of adaptation that some animals use to hide from their predators or their preys is known as (.....)

Question 4 Give reason for the following

- 1 The roller coaster doesn't need electricity during its movement down the hill.
 -
 -
- 2 The speed of the roller coaster increases as it moves down the hill.
 -
 -

Science

3 The goal net vibrates when a ball hits it.

-
-

4 A bird stops on a tree has energy

-
-

5 When a stone is thrown upwards, its potential energy increases

-
-

6 Electric lamp produces different forms of energy

-
-

7 On winding up the spring of a toy car, then let it free, the car moves.

-
-

8 A sand surfer moves very fast down the sand slope. (according to the change of energy).

-
-

9 When a tennis ball is thrown upwards, its potential energy increases

-
-

10 The Shockwave truck is faster than the normal truck

-
-

Science

11 Engineers use parachutes in the Shockwave truck designs.

-
-

12 When you kick a ball laying on the ground, it moves

-
-

13 By increasing the number of fire extinguishers, the distance that the cart moves will increase.

-
-

14 When two equal pushing forces act on an object in opposite directions, the object doesn't move.

-
-

15 If you let a pen out of your hand, it falls to the ground.

-
-

16 When your friend catches a ball that is thrown in the air, the motion of the ball is stopped.

-
-

17 Parachutes are used in the Shockwave truck and rocket

-
-

Science

18 When your toy car crashes into a wall, it will stop moving.

-
-

19 When you stop pedalling during the movement of your bicycle, it slows down until it stops

-
-

20 If you push two similar toy cars on the same ground, one of them may travel for a longer distance than the other.

-
-

Question 5

What happens if

1 The mirror-like membrane in the fishing cat's eyes is not present

-
-

2 The moon can't reflect the sunlight

-
-

3 You place a wood sheet between a light source and a wall

-
-

4 Light falls on a transparent body such as a glass window

-
-

Science

5 Light falls on a rough surface.

-
-

6 A firefly beetle wants to attract a mate to reproduce

-
-

7 The traffic light becomes red while you are going to cross the road.

-
-

8 To the energy of the roller coaster when it moves down the hill

-
-

9 To the roller coaster when it loses its kinetic energy.

-
-

10 To the energy of a stopped ball at the top of a ramp starts to move down.

-
-

11 To the potential energy of an object when it is placed at a height from the Earth's surface.

-
-

12 To the energy of an apple falls from a tree to the ground.

-
-

Science

13 To the potential energy of a book you transfer from the ground to a higher shelf

-
-

14 If you operate a washing machine. (according to the change of energy).

-
-

15 If a boy moves down the slide. (according to the change of energy).

-
-

16 The speed of a car increases (according to its kinetic energy).

-
-

17 We increase the angle of inclination of a ramp on which a toy car moves. (according to the speed of the toy car).

-
-

18 Two bicycle move in an opposite direction, collide with each other

-
-

18 Two cars move at different speeds in opposite directions collide with each other

-
-

Science

19 Two cars move at different speeds in the same direction, collide with each other

-
-

20 The pushing force that acts on an object decreases. (according to its kinetic energy).

-
-

21 The kinetic energy of a moving car increases (according to the damage during collision).

-
-

22 A truck and a small car move at the same speed (according to Kinetic energy)

-
-

23 The Newton's cradle ball is raised up without leaving it go (according to its energy).

-
-

24 The pushing force that acts on an object decreases. (according to its kinetic energy).

-
-

Science

25 The kinetic energy of a moving car increases (according to the damage during collision)

.....

26 A truck and a small car move at the same speed. (according to kinetic energy).

.....

27 The Newton's cradle ball is raised up without leaving it go. (according to its energy).

.....

28 You let the ball of Newton's cradle move towards the rest of balls. (according to the change of energy).

.....

29 Friction occurs between the string and the other parts of Newton's cradle during collision (according to the change of energy).

.....

30 The moving cricket bat hits a ball (according to the transfer of energy).

.....

31 Airbags in a car don't inflate during a crash.

.....

Science

32. An apple falls from a tree to the ground. (according to the change in its energy)

.....

33. You transfer a book from the ground to a higher shelf. (according to its potential energy)

.....

34. A car runs out of fuel on a flat road.

.....

35. You push two similar balls with different forces on the ground

.....

36. The smell sense of ants becomes weak.

.....

37. The amount of food in the ants colony decreases

.....

38. There is a danger near to an ants colony.

.....

Science

39. High-pitched sound that is produced by the blind person's cane hits an object.

.....

40. Bats cannot use echolocation property

.....

41. There is a wall in front of a blind person uses his special cane.

.....

42. The hearing sense of humpback whales becomes weak.

.....

43. Bats lose the ability to hear by using echolocation property

.....

44. Owls cannot turn their heads in all directions.

.....

45. Your hand touches the spines of a barbary fig plant.

.....

46. The Egyptian jerboa hears a snake moves towards it

.....

Science

Question 6

Importance law & drawings

$$\text{Speed} = \frac{\text{Distance}}{\text{time}}$$

Problems

1. Find the speed of a runner , if you know that he covers 400 meters in 80 seconds

.....

.....

.....

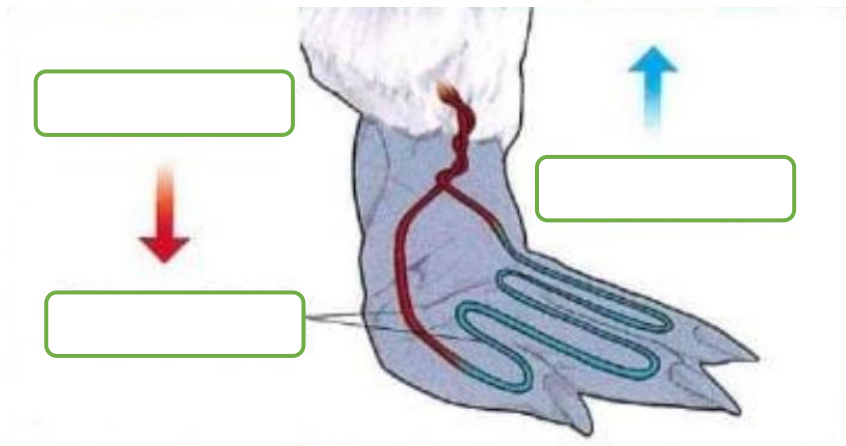
2. Amir runs 100 meters in 20 seconds. Calculate the speed of Amir

.....

.....

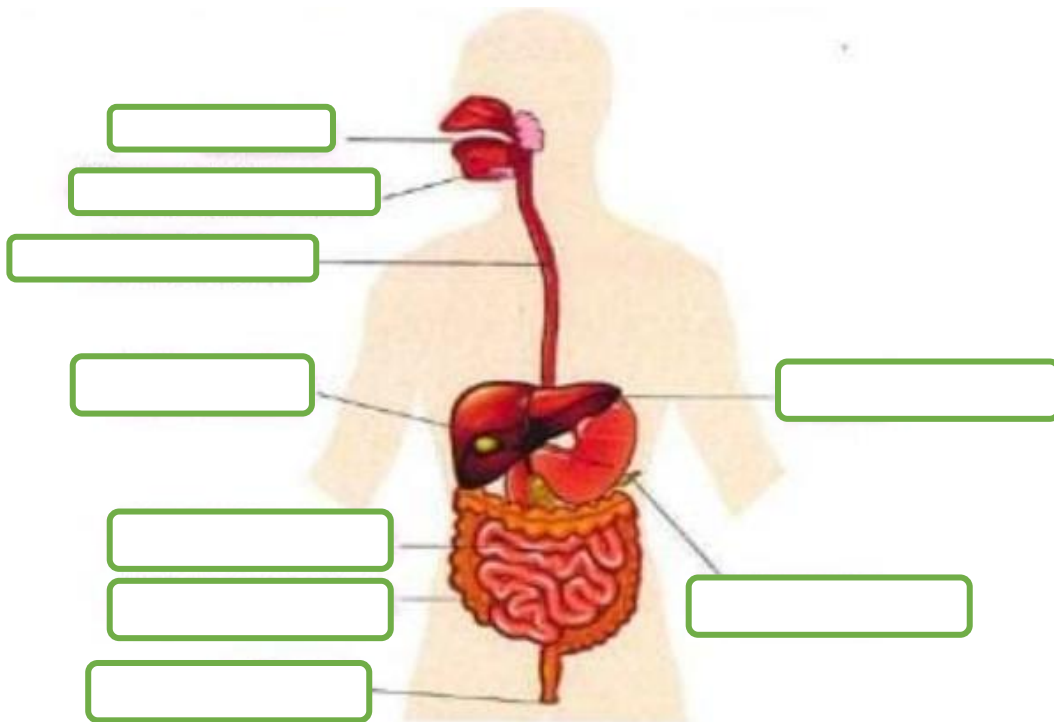
.....

3. Penguin's feet

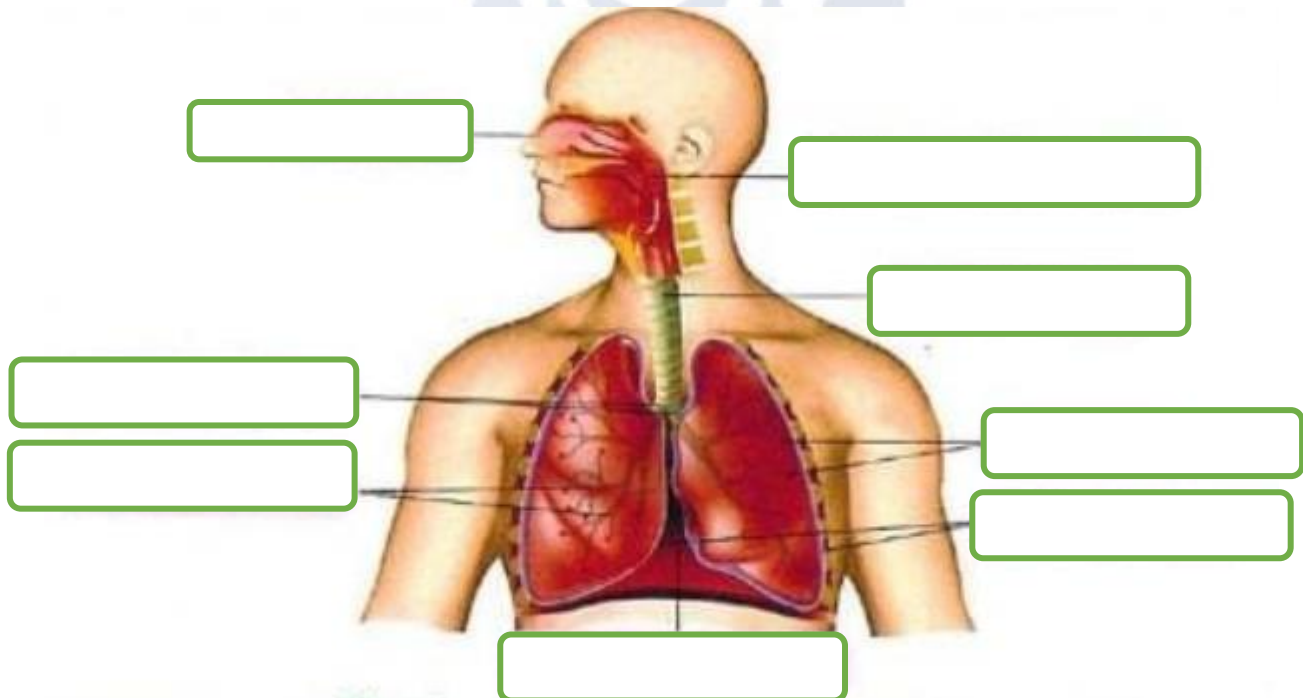


Science

4. The human digestive system

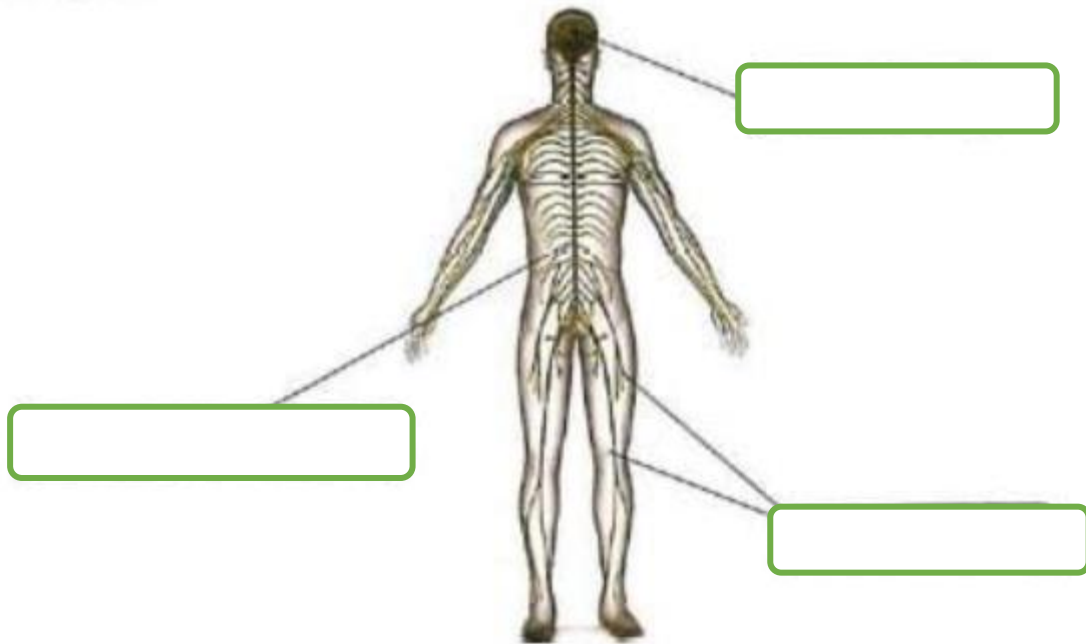


5. The human respiratory system

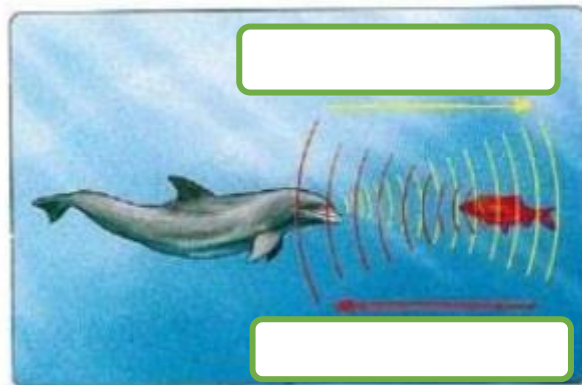


Science

6. The nervous system of mammals consists of



7. Dolphin uses the echolocation property



Question 7

Comparison

Pushing force	Pulling force
Example	

Science

2.The songs of humpback whales in different seasons

In winter	In summer

3.The similarities and differences between the special cane of blind person and bat echolocation

Special cane of blind person	Bat
Similarities	
Differences	



Fast-moving object	Slow-moving object
-	-
-	-
-	-

Eyes of humans and eyes of nocturnal animals

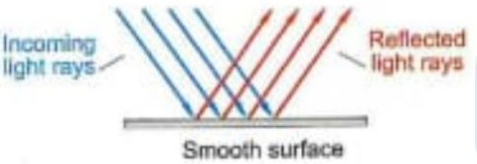
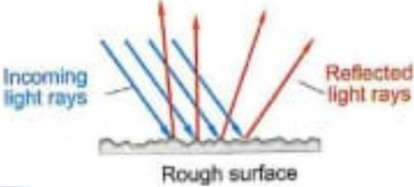
Points of comparison	Eyes of humans	Eyes of nocturnal animals
-	-	-
-	-	

Science

Opaque objects and transparent objects

Opaque objects	Transparent objects
- 	- 
Examples	
-	-

Smooth surface and rough surface

Smooth surface	Rough surface
-	-
	

Question 8

Scientific terms (Definitions)

N	Scientific terms	Definitions
1.	Speed	
2.	Collision	
3.	Energy	
4.	Work	
5.	Potential energy:	
6.	Kinetic energy	
7.	Motion	
8.	Gravity	
9.	Force	

Science

10.	Friction	
11.	A source of light	
12.	Light	
13.	Opaque objects	
14.	Transparent objects	
15.	Code	

Question 9

What is the important of

N	Items	Importance or uses
1.	Three jet engines in the Shockwave truck:	
2.	Three parachutes in the Shockwave truck:	
3.	Fire extinguishers onto a cart:	
4.	Friction	
5.	Force	
6.	Teeth	
7.	Saliva	
8.	Tongue	
9.	Esophagus	
10.	Stomach	
11.	The small intestine	
12.	The large intestine	

Science

13.	Throat	
14.	Trachea	
15.	Two bronchi	
16.	Wrecking ball	
17.	Seatbelts	
18.	Airbags	



لا تنتظر من يزرع لك
أزهار بنفسك ولنفسك..



Science

Pilot test (1)**A Choose the correct answer from each of the following:**

1-When a panther chameleon stands on leaves of trees, the color of its scales changes into.....

- (a) white (b) green
(c) blue (d) black

3- When an object is in motion, this means that its changes

- (a) color (b) shape
(c) size (d) position

4- The speed of a car that travels 200 meter in 2 second is.....m/s

- (a) 20 (b) 40
(c) 100 (d) 200

B- What happens if an animal tries to eat the acacia leaves?

Put (✓) or (x):	✓	×
1. The ears of arctic fox are longer than those of fennec fox	☺	☹
2. Nocturnal animals have eyes larger than human	☺	☹
3. Energy is the ability to do work.	☺	☹
4. Any moving object has a form of energy known as kinetic energy	☺	☹

B- Writ the scientific term of

The object which allows light to path through it

.....
.....

The Third Question:**A-Complete the following statements:**

- 1- The dolphin has sharp sense of.....
2- Fireflies communicate with each other by producing a.....
3- The form energy that can be seen is... ..energy.
4- Airbags absorbs the..... of the car during collision

B-Cross out the odd word

Penguin - Polar bear - Snake - Arctic fox

Science

Pilot test (2)**First Question**

A- Choose the correct answer from each of the following:

1-The fur of fennec fox protect it from..

- (a) wind (b) rains
(c) hot weather (d) cold weather

2- which of the following can turn its head in all directions?

- (a) lizards (b) owls
(c) c-cats (d) d-snakes

3- Reading and writing are common types of communication between

- (a) human (b) animals
(c) birds (d) plants

4- When you move something towards you, this represents.....

- (a) pushing force (b) light energy
(c) pulling force (d) sound energy.

B- Give reasons for

The second question

-Owls can hunt during the night

Put (✓) or (x):	✓	x
1. All type of sharks live in fresh water.	☺	☹
2. The sense of hearing of dolphin is stronger than that of human.	☺	☹
3. Air resists the motion of a car.	☺	☹
4. Seatbelt is one of safety equipment in cars	☺	☹

B What happens if a firefly wants to attract a mate to reproduce?

The Third Question:

A-Complete the following statements:

- 1- Panther chameleon puffs up its body with air for defense which is considered.....adaptation
2- Fish breathgas which dissolved in water
3- If the mass of an object decreases this mean that its kinetic energy
4- When objects collide with each other.....is transferred between them.

B-Cross out the odd word:

Sound energy light energy thermal energy-chemical energy.

Science

Pilot test (3)

Put (✓) or (x):

✓

x

- | | | |
|---|---|---|
| 1. During collisions the sum of energies before collisions are less than the sum of energies after collisions | ☺ | ☹ |
| 2. You feel the heat of the stove by the sense of touch | ☺ | ☹ |
| 3. Stomach is an important organ in the digestive system | ☺ | ☹ |
| 4. Potential energy is the distance traveled in the certain amount of time | ☺ | ☹ |

B) What happens...?

To diaphragm in respiration during inhalation and exhalation processes.

.....

(A) Choose from column (B) what suits it in column (A):

(A)	(B)
1. Brain	a. it is a force arises between two contact surfaces
2. Smell	b. it is a force which pulls objects to downward
3. Friction	c. the main control center of the body.
4. Gravity	d. the communication way between ants
	e. it is an automatic response for external stimuli
1.	2.
	3.
	4.

(B) Answer the following:

Why bats cannot see in the dark, but they can hunt their preys at night?

.....

A) Choose the correct answer:

1. You see yourself in the mirror due to the property of.....

- (a) light analysis. (b) absorption
(c) reflection (d) density

2. As the inclination angle of the ramp increases, the speed of the moving body

- (a) decreases (b) increases
(c) doesn't change (d) equals zero

3..... is considered a behavioral adaptation in the living organisms

- (a) Long ear (b) Living in burrows
(c) Large eye (d) Countershading

When a moving car is stopped suddenly, the passenger body will move in the.....direction

- (a) right (b) left
(c) forward (d) Backward

(B) Why does the night vision in human differ from that in cats ?

.....

Science

Pilot test (4)

1 (A) Choose the correct answer

1. The ability to do work or make change is

- (a) speed (b) work
(c) displacement (d) energy

2. Dolphins depend on their sharp senses ofto get food.

- (a) sight (b) taste
(c) smell (d) hearing

3. The form of energy that can be seen is..... energy

- (a) thermal (b) light
(c) electrical (d) sound

4. A wrecking ball is made of

- (a) plastic (b) nylon
(c) steel (d) wood

(B) Give a reason for the following:

Arctic fox has a thick fur coat.

.....

2) (A) Put (✓) or (x):

Put (✓) or (x):	✓	x
1. A normal truck can move faster than a jet airplane	☺	☹
2. Thick white fur is a structural adaptation in fennec foxes	☺	☹
3. Bats use sound waves in communication.	☺	☹
4. Seatbelt is one of the safety equipment in cars.	☺	☹

(B) What happens if ...?

The amount of food in the ant colony decreases

.....

3 (A) Complete the following sentences

1. Food is digested completely in (.....)
2. The spinal cord is one of the main parts of (.....) system.
3. If Noor travels with her bicycle a distance of 20 km in two hours, and then she is moving at a speed of (.....) km/h.
4. When you kick a ball upward, (.....) force affects on it

B) Give a reason for the following:

Opaque objects form shadows.

.....

Science

Pilot test (5)

1 (A) Put (✓) or (X):

Put (✓) or (x):	✓	x
1. Firefly beetles form different flash patterns by using their legs	😊	😞
2. Speaking is one of the ways to communicate with people.	😊	😞
3. Light energy is not used by humans or firefly beetles for communicatio	😊	😞

B) Give a reason for the following:

The wings of firefly beetles play an important role in the communication between them.

.....

(A) Choose from column (B) what suits it in column (A):

(A)	B)
1. Normal engine	a. is used in stopping both of the Shockwave truck and rockets
2. Jet engine	b. is used in moving a normal truck.
3. Parachute	c. is used to stop a normal truck
	d. is used in moving the Shockwave truck
1.	2. 3.

(B) Which is faster, a normal truck on the Shockwave truck ?

(Give a reason for your answer).

.....

Look at the opposite figure, then choose the correct answer :

1. In figure (1), the ball has..... energy.

- (a) kinetic (b) thermal
(c) potential (d) sound

2. In figure (2), the potential energy of the ball is changed intoenergy

- (a) kinetic (b) light
(c) sound (d) thermal

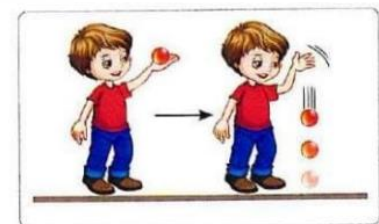


Figure (1) Figure (2)



مراجعات النخبة

بنك الأسئلة

الصف الرابع الابتدائي

Mid - Term Exam

2024-2026

science



Primary



Prepared by:
Mis. Radwa Rabee

Trust Academy Online

Exclusive Manager

Mr. AMR Mohi



01025544482

Science

Question 1

choose the correct answer

1. acacia tree and kapok tree	2. the soil contains more water
3. rainforest habitat	4. long roots
5. Fennec fox	6. desert
7. Small intestine	8. respiratory
9. Air pollution	10. Ear
11. nervous	12. songs
13. High	14. Sun
15. Mouth	16. Lungs
17. teeth	18. it moves food directly to the stomach
19. teeth and tongue	20. gills
21. extract oxygen gas from water	22. must land their seeds in another better place
23. lung damage and asthma	24. taste
25. bowl	26. smell
27. light	28. reflection
29. heart	30. digestive
31. respiratory	32. Nose → brain → nerves
33. Reflex	34. sensory organs – brain
35. Ears → brain → hand	36. scout ants
37. nurse ants	38. soldier ants
39. winter	40. Light
41. Mangroves	42. her wings
43. code	44. Code
45. sight and hearing	46. light
47. mirrors	48. humans
49. sleep	50. increase
51. pushing	52. speed
53. increase	54. sound energy
55. at the top of a hill	56. light energy

Science

57. stem	58. sugar
59. root	60. stem
61. leaves	62. method of obtaining food
63. its stored potential energy will change into kinetic energy	64. a moving car on a flat road
65. stored chemical energy in a car battery	66. its mass and its height from the Earth's surface
67. Speed = distance ÷ time	68. m/sec
69. 100 m/sec	70. is equal in both of the two objects.
71. transferred and changed	72. the truck has more energy and causes more
73. very big engine	74. Increases
75. more than	76. Kinetic
77. kinetic-sound	

Question 2

Put (✓) or (x):

1. x	2. x	3. ✓
4. x	5. ✓	6. ✓
7. x	8. ✓	9. ✓
10. x	11. x	12. ✓
13. x	14. ✓	15. ✓
16. ✓	17. ✓	18. x
19. x	20. ✓	21. x
22. x	23. x	24. x
25. x	26. ✓	27. ✓
28. ✓	29. x	30. x
31. ✓	32. x	33. ✓
34. ✓	35. ✓	36. ✓
37. x	38. ✓	39. ✓
40. x	41. ✓	42. ✓
43. x	44. x	45. ✓

Science

46. ✓	47. ✗	48. ✓
49. ✓	50. ✓	51. ✗
52. ✗	53. ✗	54. ✓
55. ✗	56. ✗	57. ✓
58. ✗	59. ✗	60. ✓
61. ✓	62. ✓	63. ✓
64. ✓	65. ✓	66. ✗
67. ✓	68. ✓	69. ✓
70. ✗	71. ✗	72. ✓
73. ✓	74. ✓	75. ✗
76. ✓	77. ✗	78. ✗
79. ✗	80. ✓	81. ✗
82. ✗	83. ✗	84. ✓

Question 3

Complete the following sentences

1. 3jet engine	2. Kinetic	3. Electric , sound
4. Light , sound	5. Kinetic energy	6. Bats
7. Kinetic	8. Kinetic	9. Tan
10. 500	11. wings	12. countershading
13. pulling force , pushing force	14. force	15. Pulling
16. Gravity	17. Kinetic	18. Sound , Light
19. Sound, Kinetic	20. Kinetic	21. Airbags , Seatbelts
22. Change	23. Decrease	24. Increase
25. Big	26. wood	27. Water
28. Mirror-like-membrane	29. source of light	30. structural
31. brain , eyes	32. straight	33. fire , Candles
34. wider	35. one	36. different
37. moon	38. Communication	39. Habitat
40. Predator , Prey	41. adaptation	42. Camouflage

Science

Question 4

Give reason for the following

1. Because its stored potential energy changes into kinetic energy, that helps it move downward.
2. Because its kinetic energy increases.
3. Because the kinetic energy of the ball transfers to the goal net.
4. Because the bird is found at a height from the Earth's surface, so it has potential energy
5. Because its height from the Earth's surface increases
6. Because it produces light and thermal energies
7. Because the potential energy which is stored in the spring changes into kinetic energy.
8. Because his stored potential energy changes into kinetic energy.
9. Because its height from the Earth's surface will increase
10. Because the Shockwave truck has three jet engines
11. To help slow down the Shockwave truck quickly
12. Due to the pushing force of your leg that acts on it.
13. Because by increasing the number of fire extinguishers, the speed of the cart will increase.
14. Because the two forces are balanced, so the object doesn't move.
15. Due to the pulling force of the gravity that pulls the pens down toward the Earth
16. Due to the pushing force of his hand against the ball movement that makes it stops
17. To help slow down their movement
18. Because the wall applies a force to the car with the same amount of the force that pushes the car toward the wall
19. Due to the friction force between the bicycle tires and the road that acts in the opposite direction of the bicycle movement.
20. Due to the difference in the forces that act on each of them

Science

Question 5

What happens if

1. It doesn't have excellent night vision so cannot hunt at night
2. It seems to be dark and we can't see it.
3. The shadow of the wood sheet is formed on the wall, because light rays cannot pass through it.
4. Light passes through the glass window
5. Light rays are reflected in different directions
6. It produces a chemical reaction inside its body to light up and attract a mate
7. The eyes send a message through nerves to my brain to stop walking and not cross the road.
8. Its stored potential energy changes into kinetic energy.
9. It cannot move, so it will stop
10. Its stored potential energy changes into kinetic energy.
11. The object has more potential energy due to thr height from earths surface
12. The potential energy of the apple changes into kinetic energy
13. The potential energy of the book will increase
14. The electrical energy changes into kinetic and sound energies.
15. The potential energy changes into kinetic energy.
16. The kinetic energy of the car increases
17. The speed of the toy car will increase
18. The damage of the two bicycles would be much more severe.
19. The forces exerted in the accident depend on the speed of both cars, so damage would be more stronger because they move in opposite direction.
20. The forces exerted in the accident depend on the speed of both cars, this leads to damage that would be less stronger because they move in the same directions.
21. Its kinetic energy will decrease
22. The damage would be much more severe.
23. The kinetic energy of the truck is more than that of the small car
24. It stores potential energy and doesn't have any kinetic energy
25. Its kinetic energy will decrease

Science

26. The damage would be much more severe
27. The kinetic energy of the truck is more than that of the small car.
28. It stores potential energy and doesn't have any kinetic energy.
29. The potential energy changes into kinetic energy.
30. Some of kinetic energy changes into thermal energy
31. The kinetic energy of the bat transfers to the ball
32. The energy of collision will push the driver forward strongly that causes many harms to him.
33. The potential energy of the apple changes into kinetic energy.
34. The potential energy of the book will increase
35. Its speed decreases gradually until it stops
36. The ball that is affected by the greater force will move a longer distance than the other ball
37. They cannot communicate with each other by smelly messages.
38. The nurse ants send smelly messages to scout ants to alert them to find the food.
39. The soldier ants send smelly messages to alert the other ants that there is a danger nearby.
40. It bounces back to the cane in the form of echo which is turned into vibrations.
41. They cannot locate the objects by the sense of hearing or hunt its preys at night
42. The cane will make vibration that tell the blind person that there is a wall in front of him
43. They cannot communicate with each other by songs using their hearing sense
44. They cannot hunt at night
45. They cannot search for preys everywhere, but in one direction only.
46. The hand will move quickly away in less than one second
47. It hops in zigzag patterns, so it can escape quickly from

Science

Question 6

Importance law & drawings

$$\text{Speed} = \frac{\text{Distance}}{\text{time}}$$

Problems

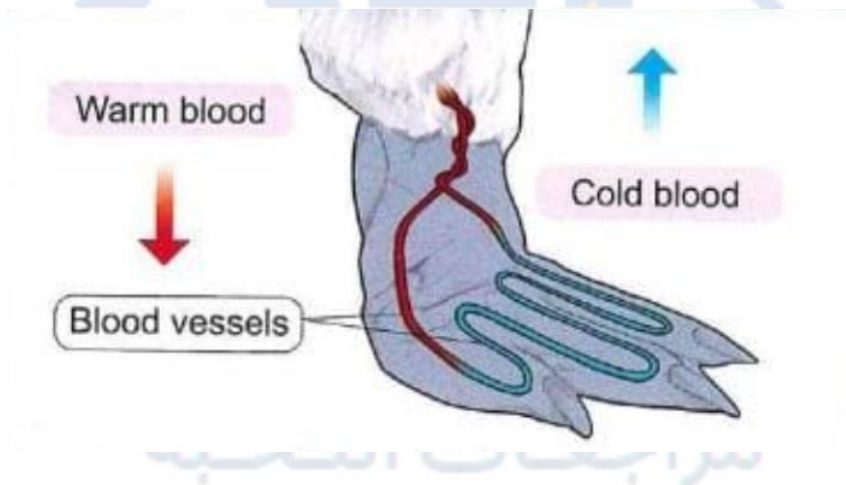
8. Find the speed of a runner , if you know that he covers 400 meters in 80 seconds

$$\text{Speed} = \frac{\text{Distance}}{\text{time}} = \frac{400}{80} = 5\text{m/sec}$$

9. Amir runs 100 meters in 20 seconds. Calculate the speed of Amir

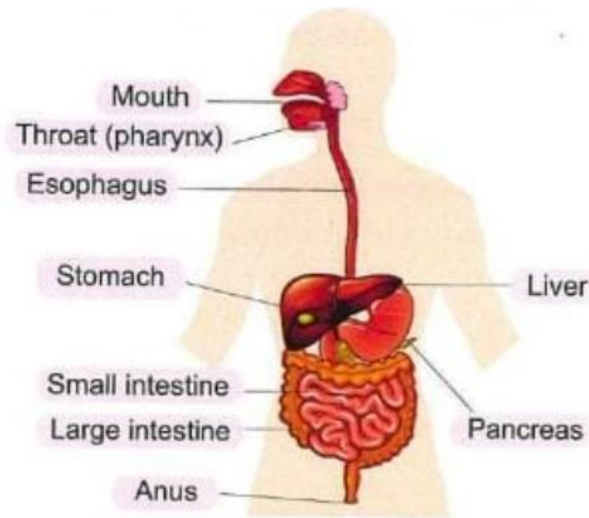
$$\text{Speed} = \frac{\text{Distance}}{\text{Time}} = \frac{100}{20} = 5\text{m/sec}$$

10. Penguin's feet

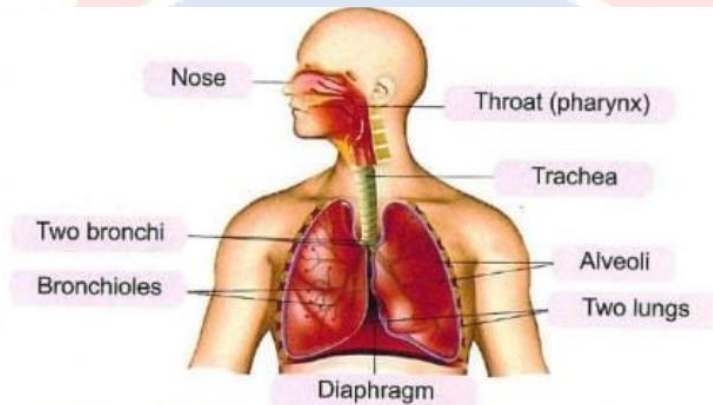


Science

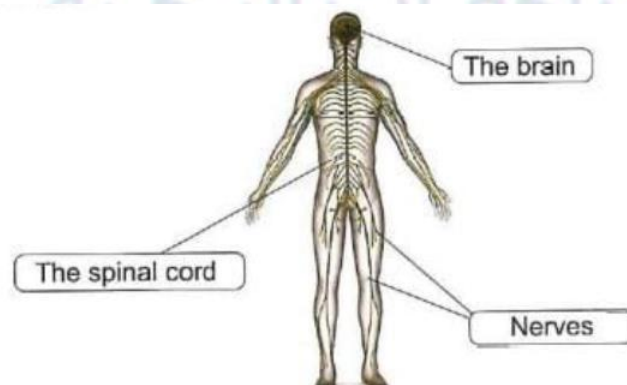
11. The human digestive system



12. The human respiratory system

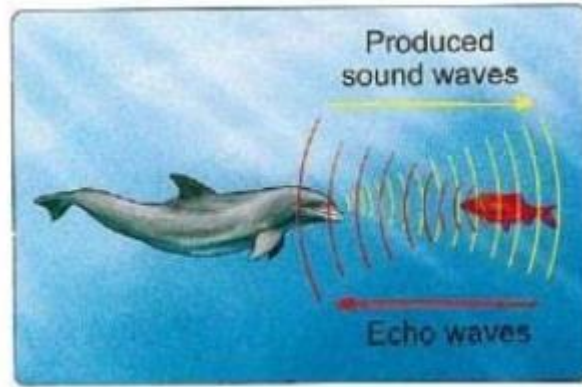


13. The nervous system of mammals consists of



Science

14. Dolphin uses the echolocation property



Question 7

Comparison

Pushing force	Pulling force
The force you can do to move an object away from you	The force you can do to bring an object closer to you
Example	
A man pushes a wheelbarrow	A child pulls a toy car

2. The songs of humpback whales in different seasons

In winter	In summer
<ul style="list-style-type: none"> - It is the mating season - Their songs have high-pitched sounds which travel better through cold water 	<ul style="list-style-type: none"> - It is the feeding season - Their songs have low-pitched sounds which travel better through warm water



Science

3.The similarities and differences between the special cane of blind person and bat echolocation

Special cane of blind person	Bat
Similarities	
<ul style="list-style-type: none"> - The special cane of blind person and bats emit a high-pitched sound that bounces off objects as an echo - This special cane and bats receive the echo that can tell how far away objects are 	
Differences	
<ul style="list-style-type: none"> - This special cane picks up an echo from the sound it emits and changes it into a vibration that can tell the blind person where objects are around him 	<ul style="list-style-type: none"> - Bats pick up an echo from the sound they emit but they don't change it into vibrations



Fast-moving object	Slow-moving object
<ul style="list-style-type: none"> - It has more energy 	<ul style="list-style-type: none"> - It has less energy
<ul style="list-style-type: none"> - When this object hits another object , it exerts more force 	<ul style="list-style-type: none"> - When this object hits another object, it exerts less force
<ul style="list-style-type: none"> - This force cause a big damage to the object that cannot be repaired 	<ul style="list-style-type: none"> - This force cause less damage to this object than the fast-moving object

Eyes of humans and eyes of nocturnal animals

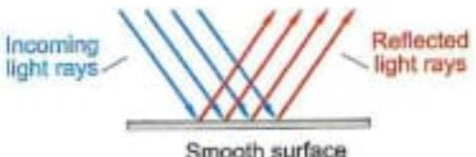
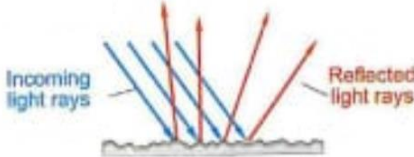
Points of comparison	Eyes of humans	Eyes of nocturnal animals
<ul style="list-style-type: none"> - Size of the eye 	<ul style="list-style-type: none"> - Small eye 	<ul style="list-style-type: none"> - Big eye
<ul style="list-style-type: none"> - Eye pupil 	<ul style="list-style-type: none"> - Opens narrower 	<ul style="list-style-type: none"> - Opens wider (to allow more light enter their eyes)

Science

Opaque objects and transparent objects

Opaque objects	Transparent objects
<ul style="list-style-type: none"> - They are objects that don't allow light to pass through - Things can't be seen through them 	<ul style="list-style-type: none"> - They are objects that allow light to pass through - Things can be seen through them 
Examples	
<ul style="list-style-type: none"> - Rocks, wood , metals and the human body 	<ul style="list-style-type: none"> - Air water , glass windows and lenses

Smooth surface and rough surface

Smooth surface	Rough surface
<ul style="list-style-type: none"> - If the surface is smooth (such as a mirror) the light rays will reflect in one direction with the same angle at which they strike (hit) the object originally 	<ul style="list-style-type: none"> - If the surface is rough (such as a painted surface) the reflected light rays will scatter or diffuse in different directions
	

Question 8

Scientific terms (Definitions)

N	Scientific terms	Definitions
1.	Speed	It is the distance that an object travels in a certain amount of time
2.	Collision	It is the bumping or crashing of two objects into each other
3.	Energy	It is the ability to do work or cause change.
4.	Work	It is a force that causes an object to move a distance

Science

5.	Potential energy:	It is the amount of energy that is stored in an object due to its position
6.	Kinetic energy	It is the energy of an object due to its motion
7.	Motion	It is any change in the position of an object relative to a fixed starting point
8.	Gravity	It is the force that pulls objects down toward the Earth
9.	Force	It is a push or pull that is applied to an object causes it to change its position.
10.	Friction	It is a force that is exerted when objects rub against each other.
11.	A source of light	It is something that emits its own light
12.	Light	It is a visible form of energy that travels in the form of waves
13.	Opaque objects	They are objects that don't allow light to pass through
14.	Transparent objects	They are objects that allow light to pass through.
15.	Code	It is a pattern that has meaning

Question 9

What is the important of

N	Items	Importance or uses
1.	Three jet engines in the Shockwave truck:	They make the Shockwave truck reach speeds more than 500 kilometers per hour.
2.	Three parachutes in the Shockwave truck:	They help slow down the Shockwave quickly
3.	Fire extinguishers onto a cart:	They make the cart begins to move forward when they release air which moves backward.
4.	Friction	It always slows down or stops motion of moving objects
5.	Force	It transfers energy from one object to another.
6.	Teeth	They crush (grind) food during chewing
7.	Saliva	It moistens food and begins to break it down
8.	Tongue	It mixes food with saliva in the mouth

Science

9.	Esophagus	It allows the food to move from throat down into the stomach
10.	Stomach	It mixes food with the stomach acid and digestive juices (enzymes) found in it to change the food into a soupy liquid
11.	The small intestine	<ul style="list-style-type: none"> - Breaking down of food into nutrients by the help of the juices of liver and pancreas - Absorbing nutrients through tiny blood vessels to all body parts.
12.	The large intestine	Absorbing the water from undigested materials
13.	Throat	<ul style="list-style-type: none"> - It allows the food to pass from the mouth to the esophagus - It allows the air to pass from the nose to the trachea
14.	Trachea	It allows the air to pass from the throat to the two lungs
15.	Two bronchi	They allow the air to pass from the trachea to the two lungs
16.	Wrecking ball	It is used to collide with walls of a building to help construction workers knock down walls or parts of buildings.
17.	Seatbelts	They are used in cars to keep the driver and also the passengers from moving forward when the car stops suddenly
18.	Airbags	<ul style="list-style-type: none"> - They slow the speed of the driver's motion forward - They absorb the energy of the passengers on collision

Science

Pilot test (1)**A Choose the correct answer from each of the following:**

1. <u>Green</u>	2. <u>position</u>	3. <u>100</u>
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B- What happens if an animal tries to eat the acacia leaves?**Make animals feel bad taste of leaves and don't eat again**

Put (✓) or (x):

1. x	2. ✓	3. ✓	4. ✓
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B- Writ the scientific term of

The object which allows light to path through it

(transparent object)**The Third Question:****A-Complete the following statements:**

1. hearing	2. flash light	3. Light	4. energy
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B-Cross out the odd wordPenguin - Polar bear - **Snake** - Arctic fox**Pilot test (2)****First Question****A- Choose the correct answer from each of the following:**

1. <u>hot weather</u>	2. <u>owls</u>	3. <u>human</u>	4. <u>pulling force</u>
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B- (owls can hunt during the night Because owls have extraordinary senses of hearing and sight)**The second question****-Owls can hunt during the night**

1. x	2. ✓	3. ✓	4. ✓
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B What happens if a firefly wants to attract a mate to reproduce? (if a firefly wants to attract a mate to reproduce it produces flash lights)**The Third Question:****A-Complete the following statements:**

1. <u>behavioral</u>	2. <u>oxygen</u>	3. <u>decreases</u>	4. <u>the energy</u>
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B-Cross out the odd word:**chemical energy.**

Science

Pilot test (3)

1. ✗	2. ✓	3. ✓	4. ✗
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B) What happens...?

To diaphragm in respiration during inhalation and exhalation processes.

- In halation :-The diaphragm move down to collect oxygen inside the chest
- Exhalation :-The diaphragm move up to existing co2 out the chest

(A) Choose from column (B) what suits it in column (A):

1. (c)	2. (D)	3. (A)	4. (B)
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(B) Answer the following:

- Because it depends on echolocation

A) Choose the correct answer:

1. <u>reflection</u>	2. <u>increases</u>	3. <u>Living in burrows</u>	4. <u>forward</u>
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(B) Why does the night vision in human differ from that in cats ?

- Because the cat has mirror like membrane at the back of the eyes

Pilot test (4)

1 (A) Choose the correct answer

1. <u>energy</u>	2. <u>hearing</u>	3. <u>light</u>	4. <u>steel</u>
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(B) Give a reason for the following:

To warm it

2) (A) Put (✓) or (x):

1. ✗	2. ✗	3. ✓	4. ✓
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(B) What happens if ...?

- Nurse ant send smelly massages to scout ant are responsible for finding food

3 (A) Complete the following sentences

1. <u>Small intestine</u>	2. <u>Nervous</u>	3. <u>10</u>	4. <u>Gravity</u>
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B) Give a reason for the following:

- Because the light hits body bounce or absorb but no lights pass through

Science

Pilot test (5)

1 (A) Put (✓) or (X):

1. ✗	2. ✓	3. ✗
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B) Give a reason for the following:

- It control the pattern of light To attract the mat and avoid from danger

(A) Choose from column (B) what suits it in column (A):

1. b	2. d	3. c
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(B) Shock wave truck because it has 3jet engine

Look at the opposite figure, then choose the correct answer :

1. potential	2. kinetic
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أنا فخور بـ
يا هديقي
وفخور
بمحاولاتك
وبالمجهود
الذي تبذله

